

Application Serial No.: 09/884,478

Attorney Docket No.: 64118.000010

CLAIM AMENDMENTS

**Please enter the following amendments to the claims, which are presented in accordance with 37 C.F.R. §1.121.**

1. **(Previously presented)** An electronic patient healthcare system for guiding a patient along a treatment pathway, related to a medical event, by educating and preparing the patient for the medical event and post-event recovery, comprising:

a healthcare information provider system including a storage device and electronically displayable files containing health information associated with the medical event and retrievably stored on said storage device, the storage device further including a registered patient database for storing information regarding patients being guided by the electronic patient healthcare system and a registered practitioner database for storing information regarding practitioners treating the patients being guided by the electronic patient healthcare system; and

a patient terminal device in electronic communication with said healthcare information provider system and including an input device and a display device adapted to display said electronically displayable files;

said electronically displayable files include at least one pre-event set of electronically displayable files containing health information for preparing and educating the patient for the medical event, and at least one post-event set of electronically displayable files containing health information for preparing and educating the patient for post-event recovery so as to guide the patient along the treatment pathway, at least one of the pre-event and post-event sets of files including a task file that instructs the patient to perform a predetermined task, the predetermined task including at least two of scheduling an appointment with a medical

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professional, purchasing a medical product, taking a medical quiz, and evaluating at least one of a medical practitioner and a medical service facility; and

both (1) the at least one pre-event set of electronically displayable files containing health information for preparing and educating the patient for the medical event and (2) the at least one post-event set of electronically displayable files are predetermined such that the files are stored in the healthcare information provider system in anticipation of the event and prior to the event, and such that the files are related so as to provide the treatment pathway.

2. (Currently amended) The system of claim 1, wherein said electronically displayable files include a single electronically displayable file including a treatment pathway timeline display comprising a plurality of time-sequenced phase images corresponding to time-sequenced phases of health information thereby ~~illustrating~~ graphically representing the treatment pathway.

3. (Original) The system of claim 2, wherein each of said plurality of time-sequenced phase images include at least one electronic link to one of the pre-event set of files and the post-event set of files, and the patient can access the health information of a particular time-sequenced phase by interacting with the corresponding time-sequenced phase image.

4. (Original) The system of claim 1, wherein the task file includes a patient confirmation subfile that requires the patient to interactively confirm completion of the predetermined task using the input device of the patient terminal device and communicate the confirmation with the healthcare information provider system.

5. (Original) The system of claim 1, wherein at least one of the pre-event and post-event sets of files includes a calendar file that displays a schedule of time specific

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events associated with the treatment pathway, said calendar file adapted to be modified by the patient using the input device of the patient terminal device.

6. (Original) The system of claim 1, further including an electronically displayable duplicate account file containing input fields for receiving account information relating to an authorized user to create a duplicate account for permitting the authorized user to access and modify the patient's treatment pathway.

7. (Original) The system of claim 1, wherein each of a patient's time-sequenced phase images is adapted to be modified by a medical practitioner treating the patient being guided by the electronic patient healthcare system.

8. (Currently amended) A system for displaying health information capable of guiding a patient along a treatment pathway, related to a medical event, by educating and preparing the patient for the medical event and post-event recovery, comprising:

a healthcare information provider system including a storage device and electronically displayable files containing health information associated with the medical event and retrievably stored on said storage device; and

a patient terminal device including an input device and a display device adapted to display said electronically displayable files;

wherein said electronically displayable files include a single electronically displayable file including a treatment pathway timeline display comprising a plurality of time-sequenced phase images corresponding to time-sequenced phases of health information, each of said time-sequenced phase images providing access to a pre-event set of electronically displayable files containing health information for preparing and educating the patient for the medical event and a post-event set of electronically displayable files

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containing health information for preparing and educating the patient for post-event recovery so as to guide the patient along the treatment pathway, the treatment pathway timeline display graphically and contemporaneously displaying, to the patient, at least three phases and associated tasks for each of such three phases, the at least three phases graphically representing segments of the treatment pathway; and

both (1) the at least one pre-event set of electronically displayable files containing health information for preparing and educating the patient for the medical event and (2) the at least one post-event set of electronically displayable files are predetermined such that the files are stored in the healthcare information provider system in anticipation of the event and prior to the event, and such that the files are related so as to provide the treatment pathway, the files being electronically associated with each other as being a part of the treatment pathway and linked to the treatment pathway timeline display.

9. (Currently amended) The system of claim 8, wherein each of said plurality of time-sequenced phase images include at least one electronic link to one of the pre-event set of files and the post-event set of files, and the patient can access the health information of a particular time-sequenced phase by interacting with the corresponding time-sequenced phase image, at least one of said at least three phases being associated with a file in the pre-event set of electronically displayable files; and at least one of said at least three phases being associated with a file in the post-event set of electronically displayable files.

10. (Original) The system of claim 8, wherein at least one of the pre-event and post-event sets of files includes a task file that instructs the patient to perform a predetermined task.

11. (Original) The system of claim 8, wherein the predetermined task includes at

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least three of reading a medical information file, taking medication, scheduling an appointment with a medical professional, purchasing a medical product, taking a medical quiz, and evaluating at least one of a medical practitioner and a medical service facility.

12. **(Original)** The system of claim 8, wherein the predetermined task includes at least two of scheduling an appointment with a medical professional, purchasing a medical product, taking a medical quiz, and evaluating at least one of a medical practitioner and a medical service facility.

13. **(Previously presented)** A method for guiding a patient along a treatment pathway associated with a medical event by providing health information to educate and prepare the patient for the medical event and post-event recovery, comprising :

generating, based on the medical event of the patient, at least one pre-event set of electronically displayable files containing health information for preparing and educating the patient for the medical event, and at least one post-event set of electronically displayable files containing health information for preparing and educating the patient for post-event recovery;

displaying a single electronically displayable file including a treatment pathway timeline display comprising a plurality of time-sequenced phase images corresponding to time-sequenced phases of health information to illustrate the treatment pathway, each of said time-sequenced phase images providing access to a pre-event set of electronically displayable files containing health information for preparing and educating the patient for the medical event and a post-event set of electronically displayable files containing health information for preparing and educating the patient for post-event recovery so as to guide the patient along the treatment pathway; and

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permitting the patient to view the treatment pathway timeline display and access the health information of a particular time-sequenced phase by interacting with the corresponding time-sequenced phase image; and

both (1) the at least one pre-event set of electronically displayable files containing health information for preparing and educating the patient for the medical event and (2) the at least one post-event set of electronically displayable files are predetermined such that the files are stored in the healthcare information provider system in anticipation of the event and prior to the event, and such that the files are related so as to provide the treatment pathway.

14. **(Original)** The method of claim 13, further including the steps of providing the patient with a medical practitioner code designating the medical practitioner conducting the medical event and requiring the patient to input the medical practitioner code into an electronically displayable file containing a code input field and transmitting the code to the healthcare information provider system.

15. **(Original)** The method of claim 13, wherein at least one of the pre-event and post-event sets of files includes a task file that instructs the patient to perform a predetermined task.

16. **(Original)** The method of claim 15, wherein the predetermined task includes at least three of reading a medical information file, taking medication, scheduling an appointment with a medical professional, purchasing a medical product, taking a medical quiz, and evaluating at least one of a medical practitioner and a medical service facility.

17. **(Original)** The method of claim 13, wherein at least one of the pre-event and post-event sets of files includes a calendar file that displays a schedule of time specific events associated with the treatment pathway, said calendar file adapted to be modified by

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the patient using the input device of the patient terminal device.

18. **(Original)** The method of claim 13, further including the step of providing an electronically displayable duplicate account file containing input fields for receiving account information relating to an authorized user to create a duplicate account for permitting the authorized user to access and modify the patient's treatment pathway.

19. **(Previously presented)** An information storage media, comprising:  
instructions for generating, based on the medical event of the patient, at least one pre-event set of electronically displayable files containing health information for preparing and educating the patient for the medical event, and at least one post-event set of electronically displayable files containing health information for preparing and educating the patient for post-event recovery;

instructions for displaying a single electronically displayable file including a treatment pathway timeline display comprising a plurality of time-sequenced phase images corresponding to time-sequenced phases of health information to illustrate the treatment pathway, each of said time-sequenced phase images providing access to a prevent set of electronically displayable files containing health information for preparing and educating the patient for the medical event and a post-event set of electronically displayable files containing health information for preparing and educating the patient for post-event recovery so as to guide the patient along the treatment pathway; and

instructions for generating and displaying an access file for permitting the patient to view the treatment pathway timeline display and access the health information of a particular time-sequenced phase by interacting with the corresponding time-sequenced phase image;  
and

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both (1) the at least one pre-event set of electronically displayable files containing health information for preparing and educating the patient for the medical event and (2) the at least one post-event set of electronically displayable files are predetermined such that the files are stored in the healthcare information provider system in anticipation of the event and prior to the event, and such that the files are related so as to provide the treatment pathway.

20. **(Original)** The information storage media of claim 19, further including instructions providing an electronically displayable file containing a code input field for receiving a medical practitioner code and transmitting the code to the healthcare information provider system.

21. **(Original)** The information storage media of claim 20, wherein at least one of the pre-event and post-event sets of files includes a task file that instructs the patient to perform a predetermined task.

22. **(Original)** The information storage media of claim 21, wherein the predetermined task includes at least three of reading a medical information file, taking medication, scheduling an appointment with a medical professional, purchasing a medical product, taking a medical quiz, and evaluating at least one of a medical practitioner and a medical service facility.

23. **(Previously presented)** The information storage media of claim 20, wherein at least one of the pre-event and post-event sets of files includes a calendar file that displays a schedule of time specific events associated with the treatment pathway, said calendar file adapted to be modified by the patient using the input device of the patient terminal device.

24. **(Previously presented)** The information storage media of claim 20, further including instructions for displaying an electronically displayable duplicate account file



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containing input fields for receiving account information relating to an authorized user to create a duplicate account for permitting the authorized user to access and modify the patient's treatment pathway.

25. **(Previously presented)** An electronic patient healthcare system for guiding a patient along a treatment pathway, related to a medical event, by educating and preparing the patient for the medical event and post-event recovery, comprising:

a healthcare information provider system including a storage device and electronically displayable files containing health information associated with the medical event and retrievably stored on said storage device, the storage device further including a registered patient database for storing information regarding patients being guided by the electronic patient healthcare system and a practitioner database for storing information regarding practitioners treating the patients being guided by the electronic patient healthcare system; and

the healthcare information provider system being interfaceable with a patient device, the patient device providing an input device and a display device for interfacing with the patient, the healthcare information provider system providing electronically displayable files to the patient device;

wherein said electronically displayable files include a pre-event set of electronically displayable files and a post-event set of electronically displayable files;

the pre-event set of electronically displayable files containing health information for preparing and educating the patient for the medical event, and

the post-event set of electronically displayable files containing health information for preparing and educating the patient for post-event recovery so as to guide the

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patient along the treatment pathway; and

wherein at least one of the pre-event and post-event sets of files including a task file that instructs the patient to perform a predetermined task relating to the treatment pathway; and

both (1) the at least one pre-event set of electronically displayable files containing health information for preparing and educating the patient for the medical event and (2) the at least one post-event set of electronically displayable files are predetermined such that the files are stored in the healthcare information provider system in anticipation of the event and prior to the event, and such that the files are related so as to provide the treatment pathway.

26. **(Previously presented)** The system of claim 25, wherein the predetermined task including at least two of scheduling an appointment with a medical professional, purchasing a medical product, taking a medical quiz, and evaluating at least one of a medical practitioner and a medical service facility.

27. **(Previously presented)** The system of claim 25, wherein said electronically displayable files include a treatment pathway timeline display comprising a plurality of time-sequenced phase content corresponding to time-sequenced phases of health information thereby illustrating the treatment pathway.

28. **(Previously presented)** The system of claim 27, wherein each of a patient's time-sequenced phase content is adapted to be modified by a medical practitioner treating the patient being guided by the electronic patient healthcare system.

29. **(Previously presented)** The system of claim 25, wherein the patient device is at least one of personal computer, a portable computer, a dumb terminal, a thin client, a hand-held device, and a wireless phone.

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30. **(Previously presented)** A system for displaying health information capable of guiding a patient along a treatment pathway, related to a medical event, by educating and preparing the patient for the medical event and post-event recovery, comprising:

a healthcare information provider system including a storage device and electronically displayable files containing health information associated with the medical event and retrievably stored on said storage device; and

the healthcare information provider system interfaceable with a patient terminal device, the patient terminal device including an input device and a display device adapted to display said electronically displayable files;

wherein said electronically displayable files include a single electronically displayable file including a treatment pathway timeline display comprising a plurality of time-sequenced phase images corresponding to time-sequenced phases of health information, each of said time-sequenced phase images providing access to:

a pre-event set of electronically displayable files containing health information for preparing and educating the patient for the medical event, and

a post-event set of electronically displayable files containing health information for preparing and educating the patient for post-event recovery,

so as to guide the patient along the treatment pathway; and

both (1) the at least one pre-event set of electronically displayable files containing health information for preparing and educating the patient for the medical event and (2) the at least one post-event set of electronically displayable files are predetermined such that the files are stored in the healthcare information provider system in anticipation of the event and prior to the event, and such that the files are related so as to provide the treatment pathway.

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31. **(Previously presented)** The system of claim 30, wherein each of said plurality of time-sequenced phase images include at least one electronic link to one of the pre-event set of files and the post-event set of files, and the system provides for the patient accessing the health information of a particular time-sequenced phase by interacting with the corresponding time-sequenced phase image.

32. **(Previously presented)** The system of claim 31, wherein at least one of the pre-event and post-event sets of files includes a task file that instructs the patient to perform a predetermined task.

33. **(Previously presented)** The system of claim 30, wherein the healthcare information provider system is interfaceable with a medical practitioner terminal device, the medical practitioner terminal device for interfacing with a medical practitioner; and

the healthcare information provider system inputting inquiries from and outputting patient monitoring information to the medical practitioner terminal device, in response to the inquiries.

34. **(Previously presented)** The system of claim 30, wherein the storage device includes:

a patient database storing data about a patient accessing the healthcare information provider system; and

a registered practitioner database storing data about at least one registered practitioner associated with the patient.

35. **(Previously presented)** The system of claim 30, wherein the storage device includes:

a calendar file that contains a schedule of time specific events associated with the

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treatment pathway, the calendar file adapted to be modified by the patient.

36. **(Previously presented)** The system of claim 30, wherein the healthcare information provider system provides for the patient to access health information associated with a particular time-sequenced phase by interacting with a particular time-sequenced phase image through the patient terminal device.

37. **(Previously presented)** The system of claim 36, wherein the healthcare information provider system provides for the time-sequenced phase images, associated with a particular patient, to be modified by a registered practitioner, who is associated with the particular patient.

38. **(Previously presented)** The system of claim 36, wherein the healthcare information provider system provides for the time-sequenced phase images, associated with a particular patient, to be modified by a person who is associated with the particular patient.

39. **(Currently amended)** A ~~method~~system for guiding a patient along a treatment pathway associated with a medical event by providing health information to educate and prepare the patient for the medical event and post-event recovery, the system comprising:

means for generating, based on the medical event of the patient, at least one pre-event set of electronically displayable files containing health information for preparing and educating the patient for the medical event, and at least one post-event set of electronically displayable files containing health information for preparing and educating the patient for post-event recovery;

means for outputting, to a patient terminal device, a single electronically displayable file including a treatment pathway timeline display comprising a plurality of time-sequenced

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phase images corresponding to time-sequenced phases of health information to illustrate the treatment pathway, each of said time-sequenced phase images providing access to a pre-event set of electronically displayable files containing health information for preparing and educating the patient for the medical event and a post-event set of electronically displayable files containing health information for preparing and educating the patient for post-event recovery so as to guide the patient along the treatment pathway; and

means for providing for the patient to view the treatment pathway timeline display and access the health information of a particular time-sequenced phase by interacting with the corresponding time-sequenced phase image; and

both (1) the at least one pre-event set of electronically displayable files containing health information for preparing and educating the patient for the medical event and (2) the at least one post-event set of electronically displayable files are predetermined such that the files are stored in the healthcare information provider system in anticipation of the event and prior to the event, and such that the files are related so as to provide the treatment pathway.

40. (Currently amended) The ~~method~~system of claim 39, further including means for providing the patient with a medical practitioner code designating the medical practitioner conducting the medical event; and

the healthcare information provider system requiring input, from the patient, of the medical practitioner code.

41. (Currently amended) The ~~method~~system of claim 39, wherein at least one of the pre-event and post-event sets of files includes a task file that instructs the patient to perform a predetermined task.

42. (Previously presented) The system of claim 8, wherein the medical event is

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one of an operation, treatment, testing, pregnancy and birth of a baby.

43. **(Previously presented)** The system of claim 1, wherein the medical event is one of an operation, treatment, testing, pregnancy and birth of a baby.

44. **(Previously presented)** The system of claim 1, wherein said electronically displayable files include a treatment pathway timeline display comprising a plurality of time-sequenced phase content, corresponding to time-sequenced phases of health information thereby providing the treatment pathway.

45. **(Previously presented)** The system of claim 44, wherein the plurality of time-sequenced phase content includes at least one of text representation and graphical representation.

46. **(Previously presented)** The system of claim 2, wherein the time-sequenced phase images include at least one of text representation and graphical representation.

47. **(Previously presented)** The method of claim 14, further including providing general content to a further user who does not utilize a code.

48. **(Previously presented)** The method of claim 47, wherein the general content includes at least one of a physicians directory, a graphical diagnostic, and product links.